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LPC1227 LPCXpresso Board

Price Information

EUR

Art.no: **EA-XPR-005** **Buy**

Price Information

EUR

LPCXpresso Kit containing LPC1227 and Base Board

Art.no: **EA-XPR-105** **Buy**

The LPC1227 LPCXpresso board with NXP's ARM Cortex-M0 microcontroller has been designed to make it as easy as possible to get started with Cortex-M0. The LPCXpresso comprises a target board combined with a JTAG debugger. A free Eclipse-based IDE from Code Red is also included.

The LPC1227 has 8 kB SRAM, 128 kB Flash, SSP, I2C, UART, ADC, etc. Embedded Artists also provides a Prototype board and a Base board that makes it possible to make experiments and prototyping with many peripherals.

Discount
Embedded Artists and Code Red offer LPCXpresso customers valuable discounts. Embedded Artists gives **15 EUR** discount on the regular Developer's kits and **7 EUR** off the LPCXpresso Base board. Code Red has an offer to upgrade to full-blown suites. For more information see LPCXpresso discount.

Overview | **Specification** | MCU | Related Products | Resources | FAQ

LPC1227 LPCXpresso Board

Processor	NXP's Cortex-M0 LPC1227 microcontroller in LQFP64 package
Flash	128 kB
Data Memory	8 kB
Clock Crystals	12.000 MHz crystal for CPU
Dimensions	35 x 140 mm
Power	3.15V-3.3V external powering, or from USB via JTAG probe (LPC-LINK)
Connectors	All LPC1227 pins available on expansion connector (2x27 pin rows, 100 mil pitch, 900 mil between rows)
Other	• Embedded JTAG (LPC-LINK) functionality via LPCXpresso toolchain • LPC-LINK can be connected to external target processor after modifications to the LPCXpresso board • LED on PIO0_7